

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 01-100638
 (43)Date of publication of application : 18.04.1989

(51)Int. Cl. G06F 11/14
 G06F 9/38

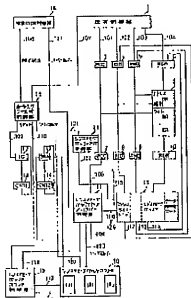
(21)Application number : 62-259341 (71)Applicant : NEC CORP
 (22)Date of filing : 14.10.1987 (72)Inventor : AINO SHIGEYUKI
 YAMANO KOZO

(54) INSTRUCTION RETRY CONTROL SYSTEM

(57)Abstract:

PURPOSE: To improve an operation speed and to obtain a high retry rate with a small hard quantity by updating immediately the contents of a software visible register when data are determined, register-saving/recovering pre-updating data and attaining an instruction retry.

CONSTITUTION: A trouble processing control part 16 outputs a recover instruction to a register save.buffer save/recover control part 11 and thus, a recover processing is started. In response to an instruction given from this control part 11, all data effectiveness-displayed by an effectiveness bit in a register save buffer 13 and further, a classification instructing signal and a register number accompanying these are stored into a register 2 through registers 4, 5 and 6. After a data recovery for this register 2 is completed, by a clear instruction given from the control part 11, the count number of a register save buffer.counter 20 is reset. Thus, an instruction retry possible condition is obtained and an instruction held from when a trouble occurs can be retried from the value of an instruction counter.



LEGAL STATUS

[Date of request for examination]